ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID: M107271 Client: Alaskan Copper Works Date Received: PO# M107271, F&BI 511193 Project: 11/17/05 Date Extracted: Lab ID: 11/28/05 511193-01 10x 11/28/05 Data File: 511193-01 10x.015 Date Analyzed: Matrix: Water Instrument: ICPMS1 Units: ug/L (ppb) Operator: btb

Lower Upper Internal Standard: % Recovery: Limit: Limit: Lithium 84 60 125 Yttrium 117 60 125

 Concentration

 Analyte:
 ug/L (ppb)

 Chromium
 852

 Nickel
 1,260

 Copper
 1,220

 Zinc
 36.5

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID: Method Blank Alaskan Copper Works Client: Project: PO# M107271, F&BI 511193 Date Received: NA Date Extracted: Lab ID: 15-327 mb 11/28/05 Date Analyzed: 11/28/05 Data File: 15-327 mb.007 Matrix: Instrument: ICPMS1 Water Units: ug/L (ppb) Operator: btb Lower Upper

 $\begin{array}{ccc} & & & & & & \\ \text{Analyte:} & & & \text{ug/L (ppb)} \\ \text{Chromium} & & & & < 10 \\ \text{Nickel} & & & < 10 \\ \text{Copper} & & & < 10 \\ \text{Zinc} & & & < 10 \\ \end{array}$

ENVIRONMENTAL CHEMISTS

Date of Report: 12/01/05 Date Received: 11/17/05

Project: Metro Self Monitor, PO# M107271, F&BI 511193

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR METALS BY EPA METHOD 200.8

Laboratory Code: 511213-01 (Duplicate)

				Relative	
		Sample	Duplicate		Acceptance
Analyte	Reporting Uni	ts Result	Result	Difference	Criteria
Chromium	ug/L (ppb)	5.06	5.76	13	0-20
Nickel	ug/L (ppb)	3.63	4.44	20	0-20
Copper	ug/L (ppb)	<1	<1	nm	0-20
Zinc	ug/L (ppb)	44.6	42.3	5	0-20

Laboratory Code: 511213-01 (Matrix Spike)

	AND DO AND MANAGEMENTS.	Spike	Sample	% Recov	ery	Acceptanc	e
Analyte	Reporting Units	Level	Result	MS	all finglish as	Criteria	B as
Chromium	ug/L (ppb)	20	5.06	75		50-150	41,1
Nickel	ug/L (ppb)	20	3.63	76		50-150	100
Copper	ug/L (ppb)	20	<1	90		50-150	7.1
Zinc	ug/L (ppb)	50	44.6	85		50-150	

Laboratory Code: Laboratory Control Sample

		Spike	% Recovery	Acceptance
Analyte	Reporting Uni	ts Level	LCS	Criteria
Chromium	ug/L (ppb)	20	85	70-130
Nickel	ug/L (ppb)	20	96	70-130
Copper	ug/L (ppb)	20	104	70-130
Zinc	ug/L (ppb)	50	86	70-130

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Charlene Morrow, M.S. Yelena Aravkina, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S. 3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 FAX: (206) 283-5044 e-mail: fbi@isomedia.com

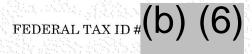
December 1, 2005

DUPLICATE COPY

INVOICE # 05ACU1201-2

Accounts Payable Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M107271, F&BI 511193 - Results of testing requested by Gerry Thompson for material submitted on November 17, 2005.



511193		*	SAM	IPLE (CHAI	N OF C	JST	IO.	Υ		N	\	11-1	+	05	,			HI	4	
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City, State, ZIP SEATTLE UNA 98/34 Phone # 206-382-8379 Fax # 206-382-8309				REMARKS									SAMPLE DISPOSAL Dispose after 30 days Return samples Will call with instructions								
										1	ANA	LYS	ES R	EQU	ESTED						_
Sample ID	Lab ID	Date	Time	Sample	Samble TPH-Diesel TPH-Gasoline TPH-Gasoline VOCs by 8260 SVOCs by 8260				HFS	Och 15,22					Notes						
m 107271	01	17/17/05	1:15pm	He	e)	/			1			1	X								١
Friedman & Bruya, Inc.	SIGNATURE			PRINT NAME						-		CC	OMP	PANY DATE TI				TIME			
3012 16th Avenue West	Religional b			-	- G. Thorpson						Sew				/	1/17/0	5	1:56	m		
Seattle, WA 98119-2029					Nhan Plean						FeBI						11/17/03		1:57		
Ph. (206) 285-8282	Relinquished by:											' '	·	,							
Fax (206) 283-5044	Received by:																\top		+		

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ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Charlene Morrow, M.S. Yelena Aravkina, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S. 3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 FAX: (206) 283-5044 e-mail: fbi@isomedia.com

December 1, 2005

Gerry Thompson, Project Manager Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on November 17, 2005 from the Metro Self Monitor, PO# M107271, F&BI 511193 project. There are 3 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Charlene Morrow

Charlene Morrow

Chemist

Enclosures ACU1201R.DOC